*The Atlantic Chapter of the Canadian Land Reclamation Association (CLRA) and the New Brunswick Community College (NBCC) are again joining forces and co-hosting ARC2019*

***NATURAL PROCESSES FOR THE RESTORATION***

***OF DRASTICALLY DISTURBED SITES***

***Course Instructor David F. Polster; R.P. Bio.***

International expert in plant ecology with over 40 years of experience in restoration ecology

Dates: May 14-15, 2019

Location: Day 1: NBCC, Moncton Campus ([1234 Mountain Road](https://goo.gl/maps/fJjHMNQ8TsT2))

Day 2 Saint Marie Community Pasture Restoration Project

### Description:

This riparian restoration workshop will use live plant materials, rocks, soil and landscape elements to perform an engineering function such as slope stabilization, soil erosion control or seepage control.

### Topics to be covered include:

Live staking - taking live cuttings of shrubs and planting them in the ground where there is a lack of vegetation

along eroding stream banks. The clippings will re-sprout and establish new vegetation.

Wattle fences - used to treat steep slopes via terracing, reducing erosion while the living cuttings grow to provide a vegetative cover on the slope.



**Registration will be limited.**

**Pre-registration required!**

Registration form: www.atlanticclra.ca

**Send registration form to:** [Atlantic@clra.ca](mailto:Atlantic@clra.ca)

Cost: $75 for CLRA members, $150 for

non-members, $50 for students

For additional questions, please contact Vicki at:

[vicki.nash@clra.ca](mailto:vicki.nash@clra.ca) or (506) 478-0741

Agenda

**DAY ONE: Tuesday, May 14**



If you have any of the tools in the pictures below, please bring them to use on the field days. Make sure you label your tools with your name.

[**NBCC Community College, Moncton**](https://goo.gl/maps/fJjHMNQ8TsT2) **(***Bring a notebook and pen; course manual and lunch are provided)*

**Registration/ Coffee- 8:30am**

**Start Time: 9:00am**

* Objectives
* Format of the session
* Factors involved in successful restoration
* Landforms, climate, soils, vegetation
* Successional reclamation
* Site preparation
* **Coffee Break**
* Soil bioengineering techniques
* Species selection, collection, handling, and storage
* Soil bioengineering treatments
* Water management techniques
* Use of natural processes **Noon - Lunch (Provided)** **1:00 pm – 5:00 pm**
* Soil bioengineering treatments continued
* Habitat improvement techniques
* Maintenance and monitoring
* See hotel recommendations for May 14 on

information sheet

# DAY TWO: Wednesday May 15

**Meet at** [**Auberge Bouctouche** **Inn and Suites**](https://goo.gl/maps/wERcvfTPjXE2) **(30 min. from Moncton) at 8:30 am**

*(Bring rain gear, work gloves, rubber boots, safety vest, plenty of water and any tools you have – see photos on right of page. Additional safety gear including hard hat, goggles, sunscreen and bug spray recommended.)*

* Harvesting Plant Materials Details to be arranged on Day 1

**Noon (approx.) – Lunch (Provided)**

* Hands-on bioengineering in the field
* **Wrap up between 4:00 – 4:30 pm**